AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A content distribution system having a base station that uses a predetermined type of a communication channel to distribute content as its communication data to a mobile station, wherein

said base station includes channel switching determination means configured to determine whether the type of the communication channel sent from said base station to said mobile station is switched based on the power for the distribution of the content to the mobile station.

2. (original): The content distribution system according to claim 1, wherein

said channel switching determination means is configured to determine whether the communication channel is switched from a first communication channel that is being used for the distribution to a second channel whose type is different from that of the first communication channel based on the downlink transmission power of the first communication channel and the downlink transmission power of the second communication channel in the case where the second communication channel is used for the distribution.

3. (original): The content distribution system according to claim 2, wherein

said channel switching determination means is configured to determine that the communication channel is switched from the first communication channel to the second

communication channel in the case where the downlink transmission power of the second communication channel is less than the downlink transmission power of the first communication channel.

4. (currently amended): The content distribution system according to claims 2 ~~or 3~~, wherein

said channel switching determination means includes means for switching the communication channel from the first communication channel to the second communication channel when determining to perform the channel switching from the first communication channel to second communication channel such that the total of the downlink transmission power of the base station during the channel switching from the first to second communication channel does not exceed the upper limit.

5. (original): The content distribution system according to claim 4, wherein

said first communication channel is an individual channel that is individually assigned to said mobile station,

said second communication channel is a common channel that is commonly assigned to said mobile station, and

said channel switching control means is configured to sequentially perform the channel switching for the individual channel in the ascending order in terms of the transmission power thereof to complete the channel switching from the individual channel to the common channel.

6. (original): The content distribution system according to claim 4, wherein

said first communication channel is a common channel that is commonly assigned to said mobile station,

said second communication channel is an individual channel that is individually assigned to said mobile station, and

said channel switching control means is configured to sequentially assign the individual channel to said mobile station in the descending order in terms of the downlink transmission power of the individual channel through which said mobile station receives the content in the case where the individual channel is used for the distribution, to complete the channel switching from the common channel to the individual channel.

7. (currently amended): The content distribution system according to ~~any one of~~ claims 1 ~~to 6~~, wherein

said channel switching determination means is configured to determine whether to switch the type of the communication channel from said base station to said mobile station in response to a change in the number of the mobile station.

8. (currently amended): The content distribution system according to ~~any one of~~ claims 1 ~~to 6~~, wherein

said channel switching determination means is configured to determine whether to switch the type of the communication channel from the base station to the mobile station in response to a change in the allowable number of the stations that receive a service of distributing the content.

9. (currently amended): The content distribution system according to ~~any one of~~ claims 1 ~~to 6~~, wherein

said channel switching determination means is configured to determine whether to switch the type of the communication channel from said base station to said mobile station in response to a change in the allowable number of the stations that receive services other than that of distributing the content.

10. (currently amended): The content distribution system according to ~~any one of~~ claims 1 ~~to 9~~, wherein

said switching of the type of the communication channel sent from said base station to said mobile station is performed in the service of distributing the content.

11. (original): A channel switching control method of a content distribution system having a base station that uses a predetermined type of a communication channel to distribute content as its communication data to a mobile station, said method comprising

a channel switching determination step of determining whether the type of the communication channel sent from said base station to said mobile station is switched based on the power for content distribution to the mobile station.

12. (original): The channel switching control method according to claim 11, wherein

in said channel switching determination step, it is determined whether the communication channel is switched from a first communication channel that is being used for the distribution to a second communication channel whose type is different from that of the first communication channel based on the downlink transmission power of the first communication channel and the

downlink transmission power of the second communication channel in the case where the second communication channel is used for the distribution.

13. (original): The channel switching control method according to claim 12, wherein

in said channel switching determination step, it is determined that the communication channel is switched from the first communication channel to the second communication channel in the case where the downlink transmission power of the second communication channel is less than the downlink transmission power of the first communication channel.

14. (currently amended): The channel switching control method according to claims 12 ~~or 13~~,wherein

said channel switching determination step comprises a channel switching control step of switching the communication channel from the first communication channel to the second communication channel such that the total of the downlink transmission power of the base station during the channel switching from the first to second communication channel does not exceed the upper limit in the case where it is determined to perform the channel switching from the first communication channel to the second communication channel.

15. (original): The channel switching control method according to claim 14, wherein

said first communication channel is an individual channel that is individually assigned to said mobile station, said second communication channel is a common channel that is commonly assigned to said mobile station, and

in said channel switching control step, the channel switching is sequentially performed for the individual channel in the ascending order in terms of the downlink transmission power thereof to complete the channel switching from the individual channel to the common channel.

16. (original): The channel switching control method according to claim 14, wherein

said first communication channel is a common channel that is commonly assigned to said mobile station,

said second communication channel is an individual channel that is individually assigned to said mobile station, and

in said channel switching control step, the individual channel is sequentially assigned to said mobile station in the descending order in terms of the downlink transmission power of the individual channel through which said mobile station receives the content in the case where the individual channel is used for the distribution, to complete the channel switching from the common channel to the individual channel.

17. (currently amended): The channel switching control method according to ~~any one of~~ claims 11 ~~to 16~~, wherein

in said channel switching determination step, it is determined whether to switch the type of the communication channel from said base station to said mobile station in response to a change in the number of said mobile station.

18. (currently amended): The channel switching control method according to ~~any one of~~ claims 11 ~~to 16~~, wherein

in said channel switching determination step, it is determined whether to switch the type of the communication channel from said base station to said mobile station in response to a change in the allowable number of the stations that receive a service of distributing the content.

19. (currently amended): The channel switching control method according to ~~any one of~~ claims 11 ~~to 16~~, wherein

in the channel switching determination step, it is determined whether to switch the type of the communication channel from the base station to the mobile station in response to a change in the allowable number of the stations that receive mobile communication services other than that of distributing the content.

20. (currently amended): The channel switching control method according to ~~any one of~~ claims 11 ~~to 19~~, wherein

said switching of the type of the communication channel sent from the base station to the mobile station is performed in the service of distributing the content.

21. (original): A network having a base station that uses a predetermined type of a communication channel to distribute content as its communication data to a mobile station, said network comprising

channel switching determination means configured to determine whether the type of the communication channel sent from said base station to said mobile station is switched based on the power for content distribution to said mobile station.

22. (original): The network according to claim 21, further comprising a base station control station that controls said base station, wherein

said channel switching determination means is configured to determine whether the communication channel is switched from a first communication channel that is being used for the distribution to a second communication channel whose type is different from that of the first communication channel based on the downlink transmission power of the first communication channel and the downlink transmission power of the second communication channel in the case where the second communication channel is set between the base station and mobile station under the control of the base station control station and used for the distribution.

23. (original): The network according to claim 22, wherein

said channel switching determination means is configured to determine that the communication channel is switched from the first communication channel to the second communication channel in the case where the downlink transmission power of the second communication channel is less than the downlink transmission power of the first communication channel.

24. (currently amended): The network according to claims 22 ~~or 23~~, wherein

in the case where said channel switching determination means determines to perform the channel switching from the first communication channel to the second communication channel, said base station control station is configured to control the base station to switch the communication channel from the first communication channel to the second communication channel such that the total of the downlink transmission power of said base station during the

channel switching from the first to second communication channel does not exceed the upper limit.

25. (original): The network according to claim 24, wherein

said first communication channel is an individual channel that is individually assigned to said mobile station, said second communication channel is a common channel that is commonly assigned to said mobile station, and

said base station control station is configured to sequentially perform the channel switching for the individual channel in the ascending order in terms of the downlink transmission power thereof to complete the channel switching from the individual channel to the common channel.

26. (original): The network according to claim 24, wherein

said first communication channel is a common channel that is commonly assigned to said mobile station,

said second communication channel is an individual channel that is individually assigned to said mobile station, and

said base station control station is configured to sequentially assign the individual channel to the mobile station in the descending order in terms of the downlink transmission power of the individual channel through which said mobile station receives the content in the case where the individual channel is used for the distribution, to complete the channel switching from the common channel to the individual channel.

27. (currently amended): The network according to ~~any one of~~ claims 21 ~~to 26~~, wherein said channel switching determination means is configured to determine whether to switch the type of the communication channel from said base station to said mobile station in response to a change in the number of the mobile station.

28. (currently amended): The network according to ~~any one of~~ claims 21 ~~to 26~~, wherein said channel switching determination means is configured to determine whether to switch the type of the communication channel from said base station to said mobile station in response to a change in the allowable number of the stations that receive a service of distributing the content.

29. (currently amended): The network according to ~~any one of~~ claims 21 ~~to 26~~, wherein said channel switching determination means is configured to determine whether to switch the type of the communication channel from said base station to said mobile station in response to a change in the allowable number of the stations that receive mobile communication services other than that of distributing the content.

30. (currently amended): The network according to ~~any one of~~ claims 21 ~~to 29~~, wherein said switching of the type of the communication channel sent from said base station to said mobile station is performed in the service of distributing the content.

31. (original): A channel switching control method of a network having a base station that uses a predetermined type of a communication channel to distribute content as its communication data to a mobile station, said method comprising

determining whether the type of the communication channel sent from the base station to the mobile station is switched based on the power for content distribution to the mobile station.

32. (original): The channel switching control method according to claim 31, wherein

said network includes a base station control station that controls said base station, and

it is determined whether the communication channel is switched from a first communication channel that is being used for the distribution to a second communication channel whose type is different from that of the first communication channel based on the downlink transmission power of the first communication channel and the downlink transmission power of the second communication channel in the case where the second communication channel has been set between the base station and the mobile station under the control of the base station control station and used for the distribution.

33. (original): The channel switching control method according to claim 32, wherein

it is determined that the communication channel is switched from the first communication channel to the second communication channel in the case where the downlink transmission power of the second communication channel is less than the downlink transmission power of the first communication channel.

34. (currently amended): The channel switching control method according to claims 32 ~~or 33~~, wherein

in the case where it is determined to perform the channel switching from the first communication channel to second communication channel, said base station control station controls the base station to switch the communication channel from the first communication

channel to the second communication channel such that the total of the downlink transmission power of the base station during the channel switching from the first to second communication channel does not exceed the upper limit.

35. (original): The channel switching control method according to claim 34, wherein

said first communication channel is an individual channel that is individually assigned to said mobile station,

said second communication channel is a common channel that is commonly assigned to said mobile station, and

said base station control station sequentially performs the channel switching for the individual channel in the ascending order in terms of the downlink transmission power thereof to complete the channel switching from the individual channel to the common channel.

36. (original): The channel switching control method according to claim 34, wherein

said first communication channel is a common channel that is commonly assigned to said mobile station,

said second communication channel is an individual channel that is individually assigned to said mobile station, and

said base station control station sequentially assigns the individual channel to the mobile station in the descending order in terms of the downlink transmission power of the individual channel through which the mobile station receives the content in the case where the individual channel is used for the distribution, to complete the channel switching from the common channel to the individual channel.

37. (currently amended): The channel switching control method according to ~~any of~~ claims 31 ~~to 36~~, wherein

it is determined whether to switch the type of the communication channel from said base station to said mobile station in response to a change in the number of said mobile station.

38. (currently amended): The channel switching control method according to ~~any one of~~ claims 31 ~~to 36~~, wherein

it is determined whether to switch the type of the communication channel from said base station to said mobile station in response to a change in the allowable number of the stations that receive a service of distributing the content.

39. (currently amended): The channel switching control method according to ~~any one of~~ claims 31 ~~to 36,~~ wherein

it is determined whether to switch the type of the communication channel from said base station to said mobile station in response to a change in the allowable number of the stations that receive mobile communication services other than that of distributing the content.

40. (currently amended): The channel switching control method according to ~~any one of~~ claims 31 ~~to 39,~~ wherein

said switching of the type of the communication channel sent from said base station to said mobile station is performed in the service of distributing the content.